A 8810-1

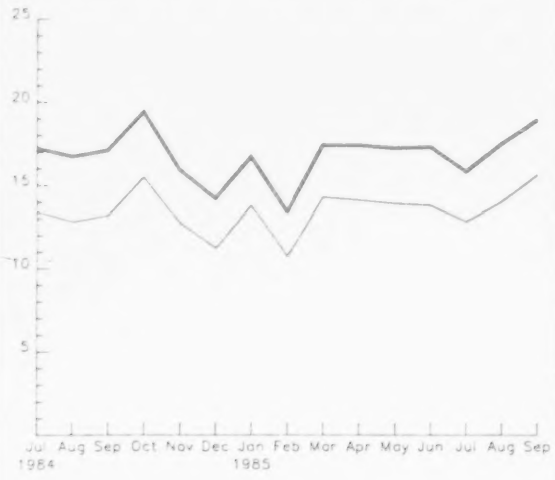
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

September 1985

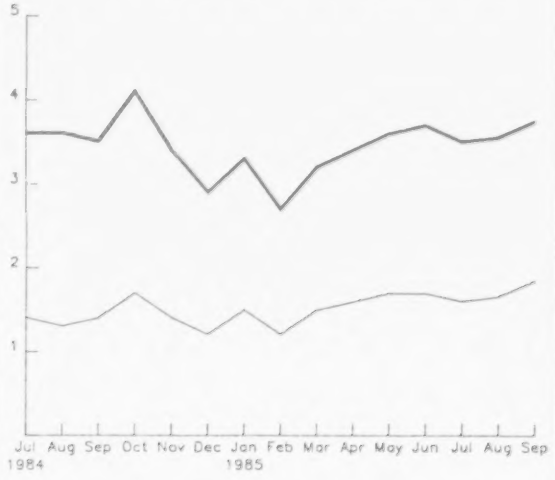
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



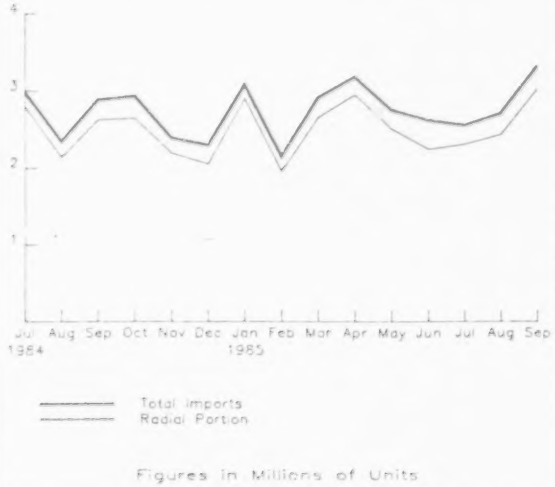
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



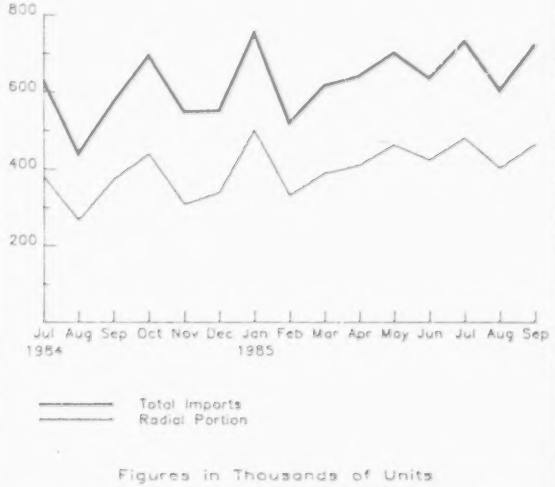
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. September 1985 total shipments are up +11.0% from September 1984 for passenger tires, and up +8.0% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1981 to 1984, passenger tire imports have increased 72.0%, and truck & bus tire imports have grown by 69.2%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: November 06, 1985

PASSENGER TIRES	September 1985	September 1984	% CHANGE	YTD 1985	YTD 1984	% CHANGE
Shipments						
Original Equipment	4,668	3,857	+21.03	41,705	38,168	+9.27
Radial	3,908	3,284	+19.00	34,747	31,925	+8.84
Replacement	13,902	12,759	+8.96	106,043	109,440	-3.10
Radial	11,459	9,619	+19.13	85,329	81,962	+4.11
Export	365	440	-17.05	3,803	4,482	-15.15
Radial	275	336	-18.15	3,002	3,336	-10.01
Total	18,935	17,056	+11.02	151,551	152,090	-0.35
Radial	15,642	13,239	+18.15	123,078	117,223	+4.99
Production	13,358	14,341	-6.85	123,755	130,563	-5.21
Radial	10,743	11,218	-4.23	98,554	98,468	+0.09
Ending Inventory	33,569	31,121	+7.87	-	-	-
Radial	27,833	24,375	+14.19	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	668	636	+5.03	5,877	5,905	-0.47
Radial	413	335	+23.28	3,672	3,047	+20.51
Replacement	2,966	2,714	+9.29	23,772	23,528	+1.04
Radial	1,367	1,000	+36.70	10,209	8,185	+24.73
Export	114	119	-4.20	1,006	1,002	+0.40
Radial	68	46	+47.83	529	462	+14.50
Total	3,748	3,469	+8.04	30,655	30,435	+0.72
Radial	1,848	1,381	+33.82	14,410	11,694	+23.23
Production	3,486	2,992	+16.51	26,558	27,349	-2.89
Radial	2,019	1,070	+88.69	12,168	10,422	+16.75
Ending Inventory	7,945	6,564	+21.04	-	-	-
Radial	3,946	3,048	+29.46	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	79	121	-34.71	887	1,159	-23.47
Replacement	14	3	+366.67	87	31	+180.65
Export	-	-	-	1	8	-87.50
Total	93	124	-25.00	975	1,198	-18.61
Production	87	143	-39.16	845	1,221	-30.79
Ending Inventory	118	121	-2.48	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	51	83	-38.55	477	755	-36.82
Replacement	212	198	+7.07	1,939	2,086	-7.05
Export	12	13	-7.69	129	139	-7.19
Total	275	294	-6.46	2,545	2,980	-14.60
Production	190	278	-31.65	2,141	2,614	-18.09
Ending Inventory	716	687	+4.22	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	380	389	-2.31	4,685	4,712	-0.57
Replacement	108	142	-23.94	1,471	1,671	-11.97
Export	13	14	-7.14	171	102	+67.65
Total	501	545	-8.07	6,327	6,485	-2.44
Production	585	622	-5.95	6,305	6,815	-7.48
Ending Inventory	1,653	1,431	+15.51	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	597	724	-17.54	5,588	6,443	-13.27
Truck & Bus	1,428	1,763	-19.00	12,615	14,377	-12.26
Tractor-Implement	216	254	-14.96	1,938	2,253	-13.98
Industrial & Utility	133	139	-4.32	1,549	1,614	-4.03

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1984													
January	2,463	152	83	47	362	174	202	3	39	322	159	292	5
February	1,943	184	77	40	193	132	125	4	36	187	95	200	4
March	2,292	195	96	50	215	163	147	5	61	242	117	294	4
April	2,485	145	80	60	283	149	183	4	59	265	90	373	5
May	2,085	186	66	33	223	179	131	4	62	194	117	256	4
June	2,004	201	57	39	219	138	69	2	45	244	159	226	5
July	2,795	183	77	72	302	177	143	4	40	302	206	628	27
August	2,133	203	54	44	211	128	84	3	39	131	225	234	16
September	2,627	255	83	50	290	148	75	2	42	281	194	220	10
CUMULATIVE	20,826	1,704	673	435	2,299	1,388	1,158	31	424	2,167	1,362	2,723	79
October	2,646	282	90	68	349	186	81	3	52	288	233	263	24
November	2,184	195	90	56	217	183	92	1	31	363	159	231	4
December	2,046	236	88	52	251	159	84	2	44	179	148	212	13
ANNUAL	27,702	2,417	941	611	3,116	1,915	1,415	37	550	2,997	1,902	3,429	120
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
CUMULATIVE	22,965	2,241	1,137	458	2,725	1,603	1,327	23	471	3,332	2,021	3,111	188
October													
November													
December													
% Change Month	24.4	8.2	20.2	69.7	14.2	18.8	53.1	-33.3	45.7	16.3	-16.3	27.4	-50.0
% Change Month 85 vs. 84	15.4	13.7	72.3	12.0	11.0	36.5	100.0	100.0	21.4	9.3	-12.4	58.6	80.0
% Change Cumulative	10.3	31.5	68.9	5.3	18.5	15.5	14.6	-25.8	11.1	53.8	48.4	14.2	138.0

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1

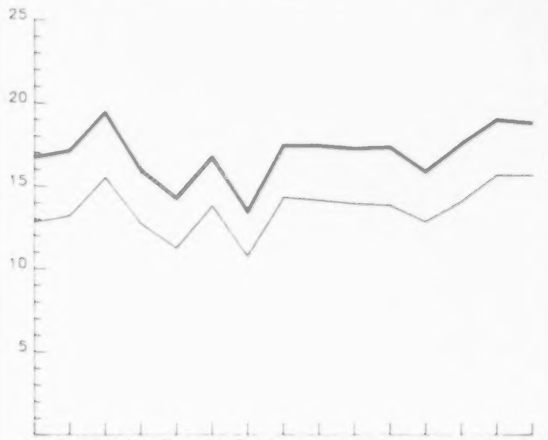
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET N.W. • WASHINGTON D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

October 1985

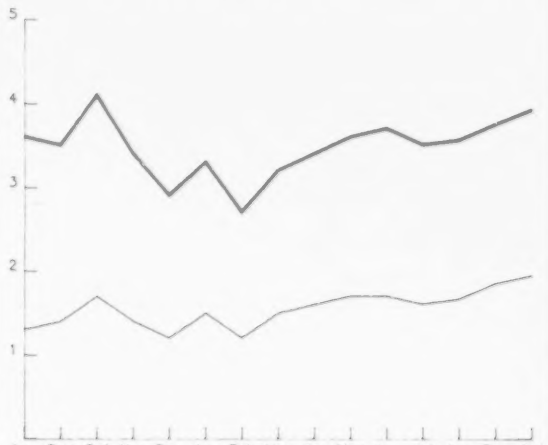
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



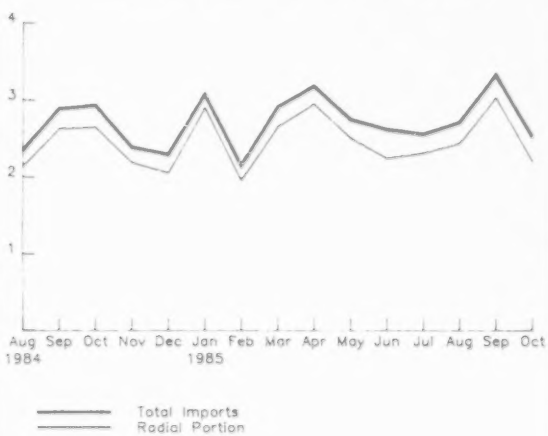
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



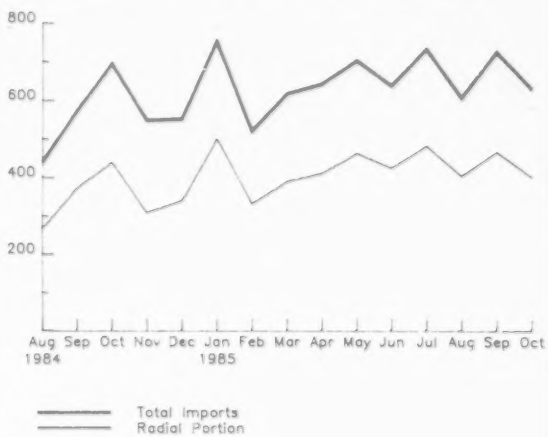
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. October 1985 total shipments are down −3.8% from October 1984 for passenger tires, and down −3.5% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1981 to 1984, passenger tire imports have increased 72.0%, and truck & bus tire imports have grown by 69.2%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: December 11, 1985

PASSENGER TIRES	October 1985	October 1984	% CHANGE	YTD 1985	YTD 1984	% CHANGE
Shipments						
Original Equipment	4,914	4,724	+4.02	46,619	42,892	+8.69
Radial	4,141	3,991	+3.76	38,888	35,915	+8.28
Replacement	13,545	14,200	-4.61	119,588	123,640	-3.28
Radial	11,296	11,184	+1.00	96,625	93,146	+3.73
Export	258	523	-50.67	4,060	5,005	-18.88
Radial	167	325	-48.62	3,170	3,661	-13.41
Total	18,717	19,447	-3.75	170,267	171,537	-0.74
Radial	15,604	15,500	+0.67	138,683	132,722	+4.49
Production	14,583	15,702	-7.13	138,338	146,265	-5.42
Radial	11,910	12,207	-2.43	110,464	110,675	-0.19
Ending Inventory	32,551	30,603	+6.37	-	-	-
Radial	26,929	23,959	+12.40	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	679	743	-8.61	6,556	6,648	-1.38
Radial	459	409	+12.22	4,131	3,456	+19.53
Replacement	3,122	3,190	-2.13	26,894	26,718	+0.66
Radial	1,414	1,231	+14.87	11,623	9,416	+23.44
Export	120	130	-7.69	1,125	1,131	-0.53
Radial	73	57	+28.07	602	519	+15.99
Total	3,921	4,063	-3.49	34,575	34,497	+0.23
Radial	1,946	1,697	+14.67	16,356	13,391	+22.14
Production	3,043	3,434	-11.39	29,601	30,783	-3.84
Radial	1,357	1,190	+14.03	13,525	11,612	+16.47
Ending Inventory	7,874	6,674	+17.98	-	-	-
Radial	3,908	3,005	+30.05	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	70	124	-43.55	957	1,283	-25.41
Replacement	15	4	+275.00	101	35	+188.57
Export	-	-	-	1	8	-87.50
Total	85	128	-33.59	1,059	1,326	-20.14
Production	86	159	-45.91	931	1,381	-32.59
Ending Inventory	133	142	-6.34	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	50	75	-33.33	527	830	-36.51
Replacement	202	219	-7.76	2,142	2,305	-7.07
Export	17	16	+6.25	145	155	-6.45
Total	269	310	-13.23	2,814	3,290	-14.47
Production	224	320	-30.00	2,365	2,934	-19.39
Ending Inventory	659	711	-7.31	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	487	416	+17.07	5,172	5,128	+0.86
Replacement	123	142	-13.38	1,594	1,813	-12.08
Export	14	16	-12.50	186	118	+57.63
Total	624	574	+8.71	6,952	7,059	-1.52
Production	786	790	-0.51	7,091	7,604	-6.75
Ending Inventory	1,819	1,635	+11.25	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	707	905	-21.88	6,294	7,349	-14.36
Truck & Bus	1,562	1,990	-21.51	14,177	16,366	-13.38
Tractor-Implement	221	270	-18.15	2,159	2,523	-14.43
Industrial & Utility	132	158	-16.46	1,681	1,771	-5.08

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1984													
January	2,463	152	83	47	362	174	202	3	39	322	159	292	5
February	1,943	184	77	40	193	132	125	4	36	187	95	200	4
March	2,292	195	96	50	215	163	147	5	61	242	117	294	4
April	2,485	145	80	60	283	149	183	4	59	265	90	373	5
May	2,085	186	66	33	223	179	131	4	62	194	117	256	4
June	2,004	201	57	39	219	138	69	2	45	244	159	226	5
July	2,795	183	77	72	302	177	143	4	40	302	206	628	27
August	2,133	203	54	44	211	128	84	3	39	131	225	234	16
September	2,627	255	83	50	290	148	75	2	42	281	194	220	10
October	2,646	282	90	68	349	186	81	3	52	288	233	263	24
CUMULATIVE	23,472	1,986	762	503	2,648	1,574	1,240	34	476	2,455	1,595	2,986	104
November	2,184	195	90	56	217	183	92	1	31	363	159	231	4
December	2,046	236	88	52	251	159	84	2	44	179	148	212	13
ANNUAL	27,702	2,417	941	611	3,116	1,915	1,415	37	550	2,997	1,902	3,429	120
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
CUMULATIVE	25,166	2,558	1,284	513	2,976	1,776	1,457	26	512	3,790	2,189	3,365	221
November													
December													
% Change Month	-27.4	9.3	2.8	-1.8	-21.7	-14.4	-13.3	-50.0	-17.6	49.2	-.6	-27.2	83.3
% Change Month 85 vs. 84	-16.9	12.4	63.3	-19.1	-27.8	-7.0	60.5	-33.3	-19.2	59.0	-27.5	-3.4	37.5
% Change Cumulative	7.2	28.8	68.5	2.0	12.4	12.8	17.5	-23.5	7.6	54.4	37.2	12.7	112.5

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1

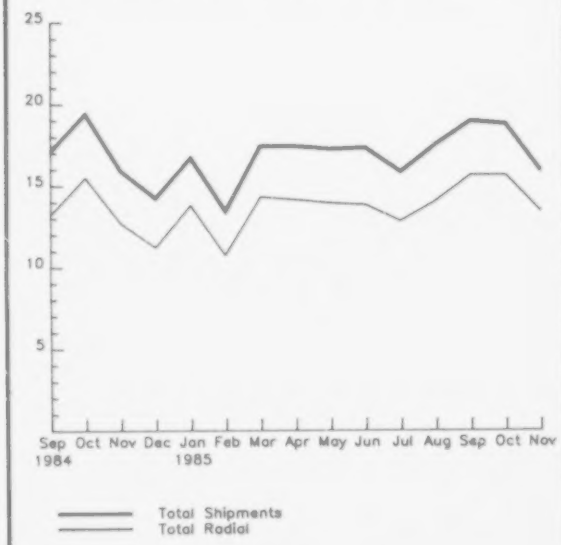
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

November 1985

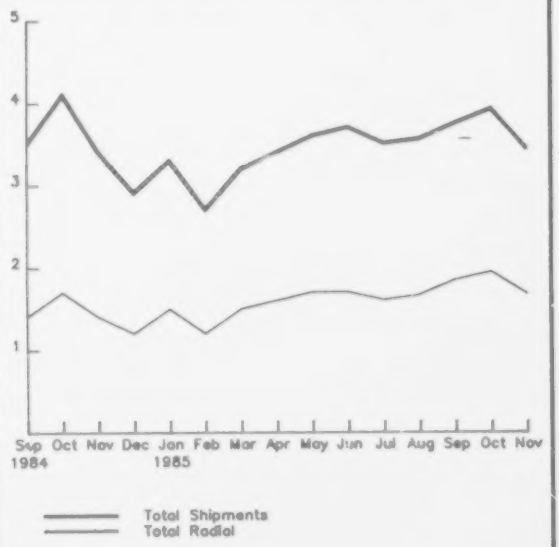
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



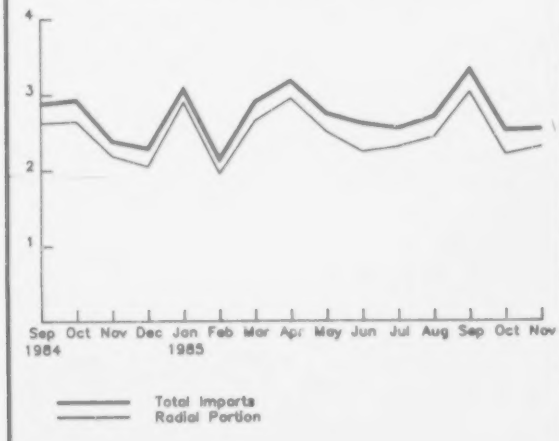
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



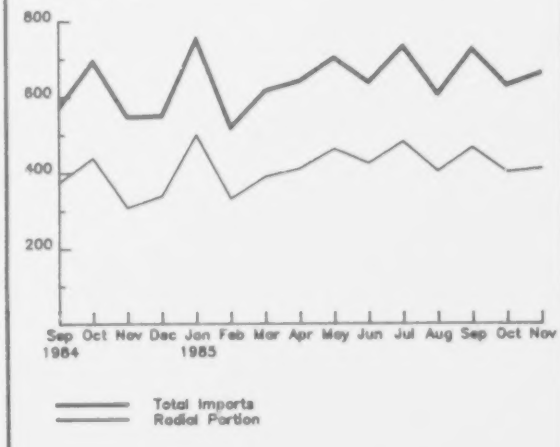
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. November 1985 total shipments are down −0.1% from November 1984 for passenger tires, and up +1.0% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1981 to 1984, passenger tire imports have increased 72.0%, and truck & bus tire imports have grown by 69.2%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: January 07, 1986

PASSENGER TIRES	November 1985	November 1984	% CHANGE	YTD 1985	YTD 1984	% CHANGE
Shipments						
Original Equipment	4,502	4,250	+5.93	51,120	47,142	+8.44
Radial	3,743	3,584	+4.44	42,631	39,499	+7.93
Replacement	11,103	11,131	-0.25	130,691	134,771	-3.03
Radial	9,490	8,771	+8.20	106,115	101,917	+4.12
Export	257	489	-47.44	4,317	5,495	-21.44
Radial	163	335	-51.34	3,333	3,996	-16.59
Total	15,862	15,870	-0.05	186,128	187,408	-0.68
Radial	13,396	12,690	+5.56	152,079	145,412	+4.58
Production	12,761	13,693	-6.81	151,099	159,959	-5.54
Radial	10,712	10,699	+0.12	121,176	121,373	-0.16
Ending Inventory	32,404	31,169	+3.96	-	-	-
Radial	26,966	24,446	+10.31	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	626	656	-4.57	7,183	7,304	-1.66
Radial	411	379	+8.44	4,543	3,835	+18.46
Replacement	2,694	2,639	+2.08	29,588	29,357	+0.79
Radial	1,201	1,000	+20.10	12,824	10,416	+23.12
Export	108	99	+9.09	1,233	1,231	+0.16
Radial	60	42	+42.86	661	562	+17.62
Total	3,428	3,394	+1.00	38,004	37,892	+0.30
Radial	1,672	1,421	+17.66	18,028	14,813	+21.70
Production	2,437	2,952	-17.45	31,088	33,735	-7.85
Radial	1,176	1,077	+9.19	13,751	12,688	+8.38
Ending Inventory	7,619	6,826	+11.62	-	-	-
Radial	3,879	3,014	+28.70	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	50	89	-43.82	1,008	1,372	-26.53
Replacement	13	2	+550.00	114	37	+208.11
Export	-	-	-	1	8	-87.50
Total	63	91	-30.77	1,123	1,417	-20.75
Production	65	131	-50.38	996	1,512	-34.13
Ending Inventory	147	178	-17.42	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	41	57	-28.07	567	886	-36.00
Replacement	129	148	-12.84	2,271	2,453	-7.42
Export	15	14	+7.14	161	169	-4.73
Total	185	219	-15.53	2,999	3,508	-14.51
Production	176	239	-26.36	2,541	3,173	-19.92
Ending Inventory	667	757	-11.89	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	424	459	-7.63	5,596	5,587	+0.16
Replacement	88	83	+6.02	1,682	1,897	-11.33
Export	12	14	-14.29	197	132	+49.24
Total	524	556	-5.76	7,475	7,616	-1.85
Production	616	638	-3.45	7,707	8,242	-6.49
Ending Inventory	1,934	1,671	+15.74	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	478	699	-31.62	6,773	8,047	-15.83
Truck & Bus	1,152	1,631	-29.37	15,330	17,979	-14.73
Tractor-Implement	143	186	-23.12	2,302	2,710	-15.06
Industrial & Utility	92	101	-8.91	1,773	1,873	-5.34

* Inner Tube figures are for shipments only, not production.
In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1984													
January	2,463	152	83	47	362	174	202	3	39	322	159	292	5
February	1,943	184	77	40	193	132	125	4	36	187	95	200	4
March	2,292	195	96	50	215	163	147	5	61	242	117	294	4
April	2,485	145	80	60	283	149	183	4	59	265	90	373	5
May	2,085	186	66	33	223	179	131	4	62	194	117	256	4
June	2,004	201	57	39	219	138	69	2	45	244	159	226	5
July	2,795	183	77	72	302	177	143	4	40	302	206	628	27
August	2,133	203	54	44	211	128	84	3	39	131	225	234	16
September	2,627	255	83	50	290	148	75	2	42	281	194	220	10
October	2,646	282	90	68	349	186	81	3	52	288	233	263	24
November	2,184	195	90	56	217	183	92	1	31	363	159	231	4
CUMULATIVE	25,656	2,181	853	559	2,865	1,756	1,331	35	506	2,819	1,754	3,217	108
December	2,046	236	88	52	251	159	84	2	44	179	148	212	13
ANNUAL	27,702	2,417	941	611	3,116	1,915	1,415	37	550	2,997	1,902	3,429	120
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
CUMULATIVE	27,473	2,788	1,426	595	3,242	1,946	1,547	28	541	4,078	2,470	3,663	253
December													
% Change Month	4.9	-27.4	-2.7	49.1	5.6	-1.7	-30.8	50.0	-31.0	-37.1	66.3	17.3	.0
% Change Month 85 vs. 84	5.6	17.9	58.9	46.4	22.6	-7.1	-2.2	200.0	-6.5	-20.7	76.7	29.0	725.0
% Change Cumulative	7.1	27.8	67.2	6.4	13.2	10.8	16.2	-20.0	6.9	44.7	40.8	13.9	134.3

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries intc U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1

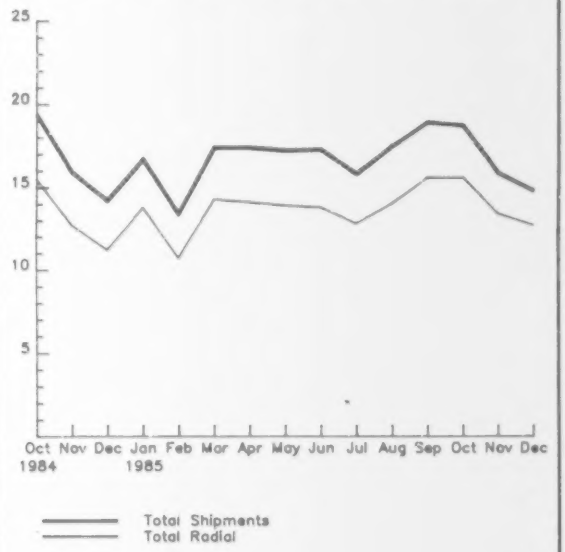
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

December 1985

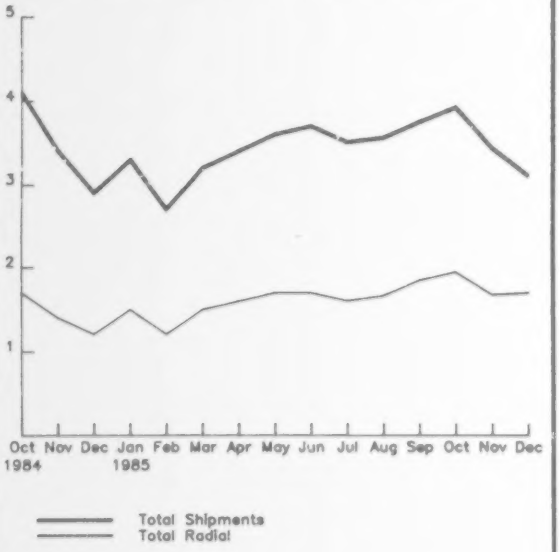
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



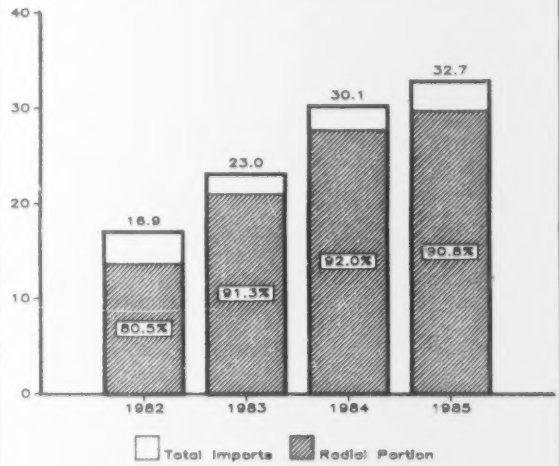
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



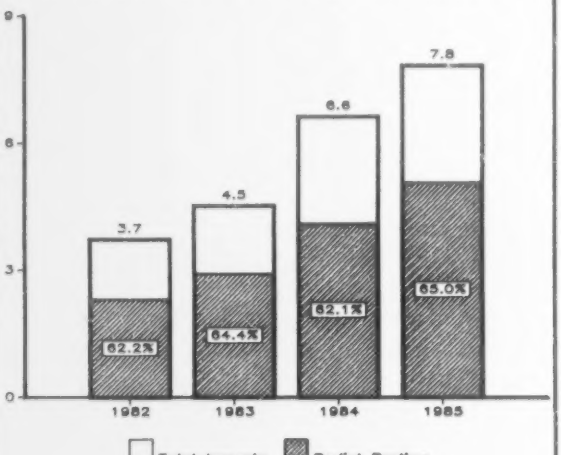
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Millions of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. December 1985 total shipments are up +3.9% from December 1984 for passenger tires, and up +6.9% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: February 04, 1986

PASSENGER TIRES	December 1985	December 1984	% CHANGE	YTD 1985	YTD 1984	% CHANGE
Shipments						
Original Equipment	3,718	3,851	-3.45	54,838	50,993	+7.54
Radial	3,142	3,229	-2.69	45,773	42,728	+7.13
Replacement	10,764	9,809	+9.74	141,455	144,580	-2.16
Radial	9,297	7,581	+22.64	115,412	109,498	+5.40
Export	308	570	-45.96	4,625	6,064	-23.73
Radial	223	378	-41.01	3,555	4,375	-18.74
Total	14,790	14,230	+3.94	200,918	201,637	-0.36
Radial	12,662	11,188	+13.17	164,740	156,601	+5.20
Production	11,485	12,976	-11.49	162,583	172,934	-5.99
Radial	9,776	10,139	-3.58	130,952	131,512	-0.43
Ending Inventory	32,240	32,512	-0.84	-	-	-
Radial	26,973	25,738	+4.80	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	515	473	+8.88	7,698	7,777	-1.02
Radial	352	273	+28.94	4,895	4,108	+19.16
Replacement	2,510	2,350	+6.81	32,098	31,707	+1.23
Radial	1,275	916	+39.19	14,099	11,332	+24.42
Export	101	102	-0.98	1,335	1,333	+0.15
Radial	61	31	+96.77	723	593	+21.92
Total	3,126	2,925	+6.87	41,131	40,817	+0.77
Radial	1,688	1,220	+38.36	19,717	16,033	+22.98
Production	2,301	2,706	-14.97	33,389	36,441	-8.38
Radial	1,114	1,065	+4.60	14,865	13,753	+8.09
Ending Inventory	7,583	7,111	+6.64	-	-	-
Radial	3,874	3,154	+22.83	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	41	64	-35.94	1,048	1,436	-27.02
Replacement	9	2	+350.00	123	40	+207.50
Export	-	-	-	1	9	-88.89
Total	50	66	-24.24	1,172	1,485	-21.08
Production	46	90	-48.89	1,042	1,602	-34.96
Ending Inventory	152	201	-24.38	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	31	34	-8.82	598	920	-35.00
Replacement	124	140	-11.43	2,395	2,592	-7.60
Export	15	13	+15.38	176	182	-3.30
Total	170	187	-9.09	3,169	3,694	-14.21
Production	212	208	+1.92	2,753	3,381	-18.57
Ending Inventory	740	796	-7.04	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	464	408	+13.73	6,059	5,995	+1.07
Replacement	69	89	-22.47	1,751	1,985	-11.79
Export	11	18	-38.89	208	150	+38.67
Total	544	515	+5.63	8,018	8,130	-1.38
Production	589	472	+24.79	8,297	8,714	-4.79
Ending Inventory	2,017	1,610	+25.28	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	423	569	-25.66	7,196	8,617	-16.49
Truck & Bus	1,006	1,242	-19.00	16,336	19,222	-15.01
Tractor-Implement	134	139	-3.60	2,435	2,848	-14.50
Industrial & Utility	87	104	-16.35	1,860	1,976	-5.87

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1984													
January	2,463	152	83	47	362	174	202	3	39	322	159	292	5
February	1,943	184	77	40	193	132	125	4	36	187	95	200	4
March	2,292	195	96	50	215	163	147	5	61	242	117	294	4
April	2,485	145	80	60	283	189	183	4	59	265	90	373	5
May	2,085	186	66	33	223	179	131	4	62	194	117	256	4
June	2,004	201	57	39	219	138	69	2	45	244	159	226	5
July	2,795	183	77	72	302	177	143	4	40	302	206	628	27
August	2,133	203	54	44	211	128	84	3	39	131	225	234	16
September	2,627	255	83	50	290	148	75	2	42	281	194	220	10
October	2,646	282	90	68	349	186	81	3	52	288	233	263	24
November	2,184	195	90	56	217	183	92	1	31	363	159	231	4
December	2,046	236	88	52	251	159	84	2	44	179	148	212	13
CUMULATIVE	27,702	2,417	941	611	3,116	1,915	1,415	37	550	2,997	1,902	3,429	120
ANNUAL	27,702	2,417	941	611	3,116	1,915	1,415	37	550	2,997	1,902	3,429	120
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
CUMULATIVE	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
% Change Month	-1.5	6.5	-11.2	-23.2	4.1	-23.5	73.3	.0	27.6	-21.2	-49.5	-37.9	-24.2
% Change Month 85 vs. 84	11.1	3.8	44.3	21.2	10.4	-18.2	85.7	50.0	-15.9	26.8	-4.1	-12.7	92.3
% Change Cumulative	7.4	25.4	65.1	7.7	12.9	8.4	20.4	-16.2	5.1	43.7	37.3	12.2	132.5

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1

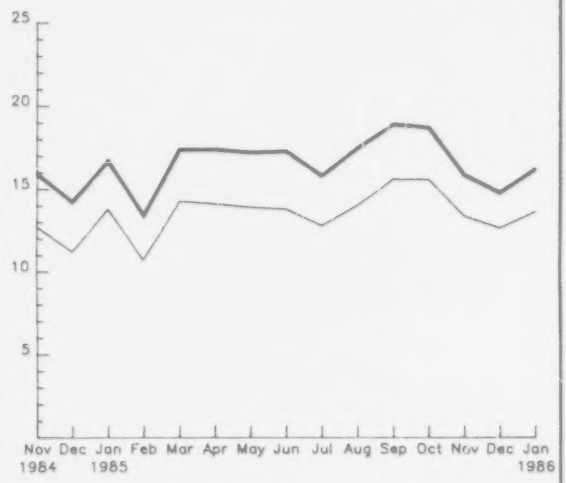
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

January 1986

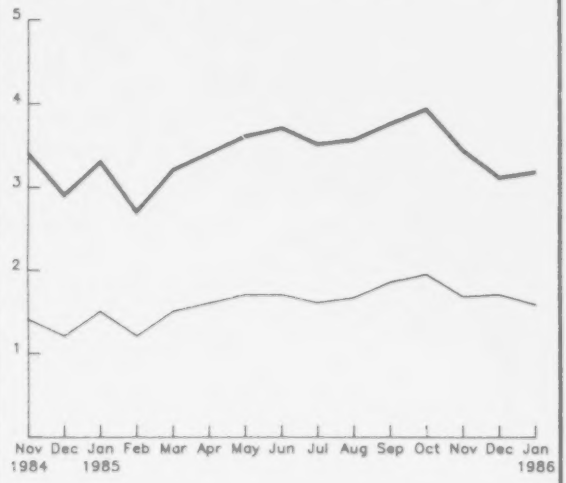
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



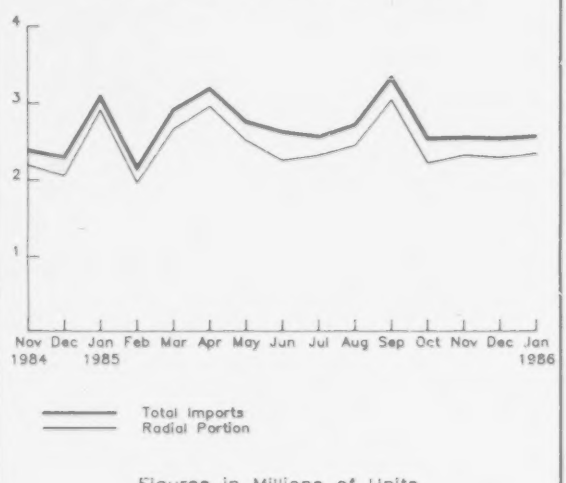
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



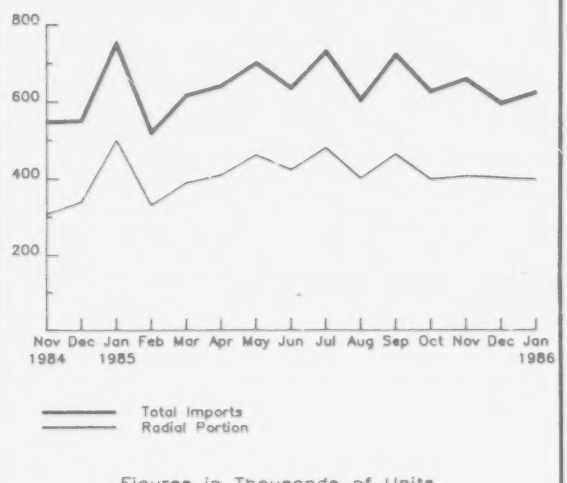
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. January 1986 total shipments are down −2.7% from January 1985 for passenger tires, and down −3.4% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: March 07, 1986

	January 1986	January 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	5,000	4,920	+1.63	-	-	-
Radial	4,178	4,116	+1.51	-	-	-
Replacement	10,896	11,208	-2.78	-	-	-
Radial	9,266	9,238	+0.30	-	-	-
Export	341	554	-38.45	-	-	-
Radial	242	446	-45.74	-	-	-
Total	16,237	16,682	-2.67	-	-	-
Radial	13,686	13,800	-0.83	-	-	-
Production	13,422	14,971	-10.35	-	-	-
Radial	11,324	11,807	-4.09	-	-	-
Ending Inventory	32,630	34,207	-4.61	-	-	-
Radial	27,491	26,887	+2.25	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	603	619	-2.58	-	-	-
Radial	388	390	-0.51	-	-	-
Replacement	2,470	2,540	-2.76	-	-	-
Radial	1,134	1,041	+8.93	-	-	-
Export	97	124	-21.77	-	-	-
Radial	57	59	-3.39	-	-	-
Total	3,170	3,283	-3.44	-	-	-
Radial	1,579	1,490	+5.97	-	-	-
Production	2,884	3,410	-15.43	-	-	-
Radial	1,339	1,413	-5.24	-	-	-
Ending Inventory	8,087	7,741	+4.47	-	-	-
Radial	4,131	3,483	+18.60	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	61	76	-19.74	-	-	-
Replacement	1	5	-80.00	-	-	-
Export	-	-	-	-	-	-
Total	62	81	-23.46	-	-	-
Production	71	105	-32.38	-	-	-
Ending Inventory	162	220	-26.36	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	50	61	-18.03	-	-	-
Replacement	229	239	-4.18	-	-	-
Export	19	16	+18.75	-	-	-
Total	298	316	-5.70	-	-	-
Production	305	293	+4.10	-	-	-
Ending Inventory	804	856	-6.07	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	596	618	-3.56	-	-	-
Replacement	189	219	-13.70	-	-	-
Export	21	18	+16.67	-	-	-
Total	806	855	-5.73	-	-	-
Production	752	816	-7.84	-	-	-
Ending Inventory	2,012	1,545	+30.23	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	638	763	-16.38	-	-	-
Truck & Bus	1,245	1,606	-22.48	-	-	-
Tractor-Implement	207	204	+1.47	-	-	-
Industrial & Utility	144	218	-33.94	-	-	-

* Inner Tube figures are for shipments only, not production.
In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
CUMULATIVE	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
CUMULATIVE	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February													
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month													
% Change Month 86 vs. 85	-19.6	32.4	22.5	4.2	-30.9	-12.8	-4.8	50.0	43.8	-25.6	-17.1	7.6	4.0
% Change Cumulative	-19.6	32.4	22.5	4.2	-30.9	-12.8	-4.8	50.0	43.8	-25.6	-17.1	7.6	4.0

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A 8810-1

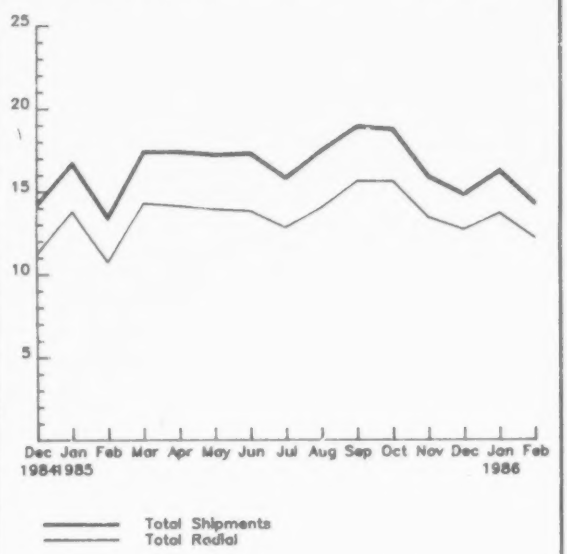
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

February 1986

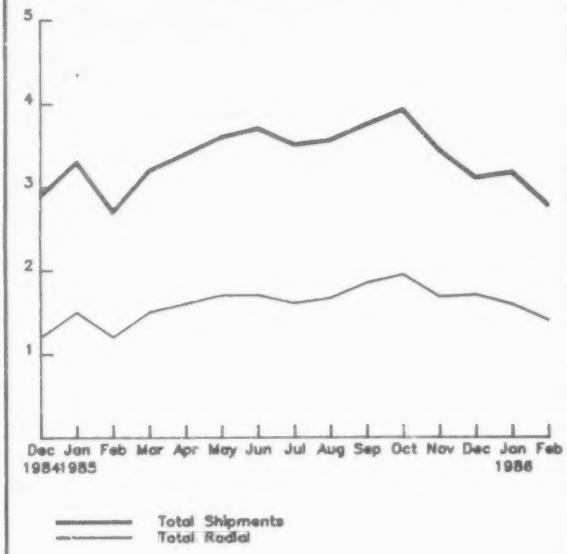
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



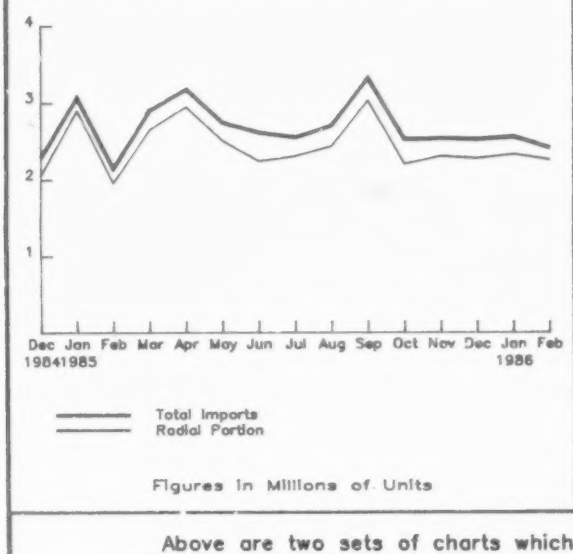
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



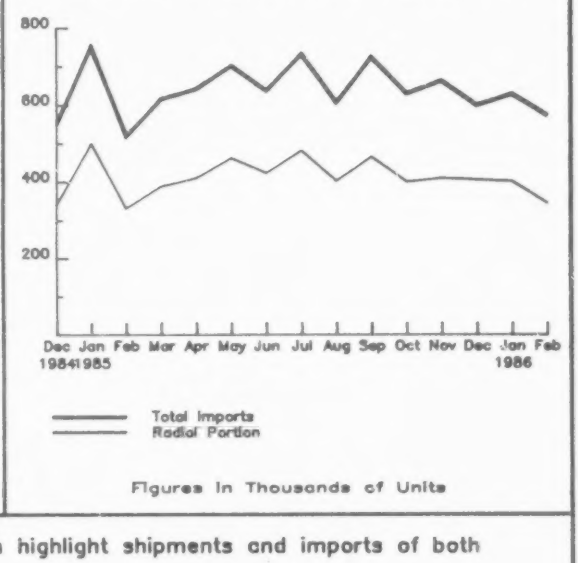
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. February 1986 total shipments are up +6.1% from February 1985 for passenger tires, and up +2.6% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: April 16, 1986

PASSENGER TIRES	February 1986	February 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	4,754	4,343	+9.46	9,754	9,264	+5.29
Radial	3,979	3,624	+9.80	8,157	7,740	+5.39
Replacement	9,100	8,413	+8.17	9,996	19,621	-49.05
Radial	7,902	6,530	+21.01	17,168	15,768	+8.88
Export	349	630	-44.60	689	1,184	-41.81
Radial	261	503	-48.11	503	948	-46.94
Total	14,203	13,386	+6.10	20,439	30,069	-32.03
Radial	12,142	10,657	+13.93	25,828	24,456	+5.61
Production	13,253	14,325	-7.48	26,675	29,296	-8.95
Radial	11,122	11,332	-1.85	22,447	23,138	-2.99
Ending Inventory	34,639	37,311	-7.16	-	-	-
Radial	29,249	29,518	-0.91	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	569	582	-2.23	1,171	1,202	-2.58
Radial	375	370	+1.35	763	760	+0.39
Replacement	2,068	1,975	+4.71	4,538	4,515	+0.51
Radial	941	759	+23.98	2,075	1,800	+15.28
Export	126	137	-8.03	223	260	-14.23
Radial	75	74	+1.35	132	134	-1.49
Total	2,763	2,694	+2.56	5,932	5,977	-0.75
Radial	1,391	1,203	+15.63	2,970	2,694	+10.24
Production	2,713	3,050	-11.05	5,597	6,460	-13.36
Radial	1,275	1,320	-3.41	2,615	2,733	-4.32
Ending Inventory	8,810	8,594	+2.51	-	-	-
Radial	4,508	3,918	+15.06	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	49	73	-32.88	109	149	-26.85
Replacement	1	2	-50.00	2	7	-71.43
Export	-	-	-	-	-	-
Total	50	75	-33.33	111	156	-28.85
Production	42	95	-55.79	113	200	-43.50
Ending Inventory	154	236	-34.75	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	46	50	-8.00	96	112	-14.29
Replacement	193	178	+8.43	424	417	+1.68
Export	20	14	+42.86	39	31	+25.81
Total	259	242	+7.02	559	560	-0.18
Production	240	258	-6.98	545	551	-1.09
Ending Inventory	793	896	-11.50	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	450	640	-29.69	1,047	1,258	-16.77
Replacement	170	192	-11.46	361	412	-12.38
Export	15	23	-34.78	36	41	-12.20
Total	635	855	-25.73	1,444	1,711	-15.60
Production	655	777	-15.70	1,406	1,593	-11.74
Ending Inventory	2,029	1,470	+38.03	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	525	626	-16.13	1,163	1,388	-16.21
Truck & Bus	1,120	1,350	-17.04	2,380	2,956	-19.49
Tractor-Implement	170	196	-13.27	377	400	-5.75
Industrial & Utility	124	157	-21.02	269	375	-28.27

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
CUMULATIVE	4,851	360	191	81	639	358	290	3	61	879	487	551	42
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
CUMULATIVE	4,583	380	220	107	523	348	357	5	128	716	408	776	65
March													
April													
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month	-3.5	-31.1	-23.2	14.0	-10.2	-3.4	1.7	-33.3	78.3	-31.1	-24.9	37.3	50.0
% Change Month 86 vs. 85	15.4	-18.4	7.9	72.7	2.5	10.3	73.1	100.0	173.3	-5.5	-15.0	81.0	129.4
% Change Cumulative	-5.5	5.6	15.2	32.1	-18.2	-2.8	23.1	66.7	109.8	-18.5	-16.2	40.8	54.8

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1 4/86

RUBBER MANUFACTURERS ASSOCIATION
1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

IMPORTANT

23 April 1986

TO: RECIPIENTS OF THE MONTHLY TIRE REPORT

FROM: MANAGEMENT INFORMATION SERVICES

SUBJECT: FEBRUARY 1986 REPORT

Gentlemen:

The Passenger Tire Replacement Year to Date figure for the month of February 1986 was incorrectly reported as 9,996. The corrected figure for this category should be 19,996. This was a typographical error on our part.

We are sorry for the inconvenience this may have caused.

If we can be of any service to you please do not hesitate to give us a call.

Respectfully,

Earline Plater

Earline Plater
Management Information Services

A8810-1

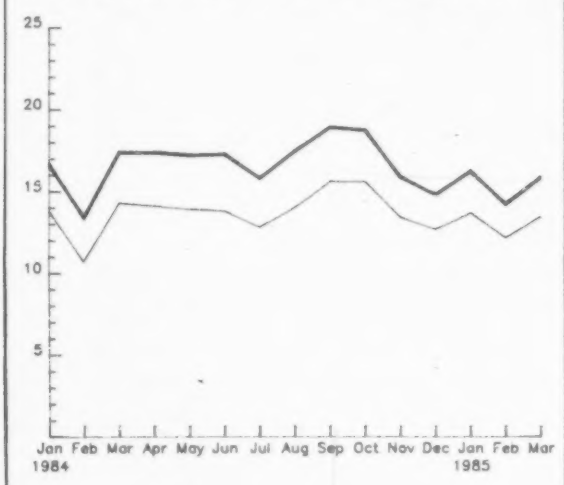
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

March 1986

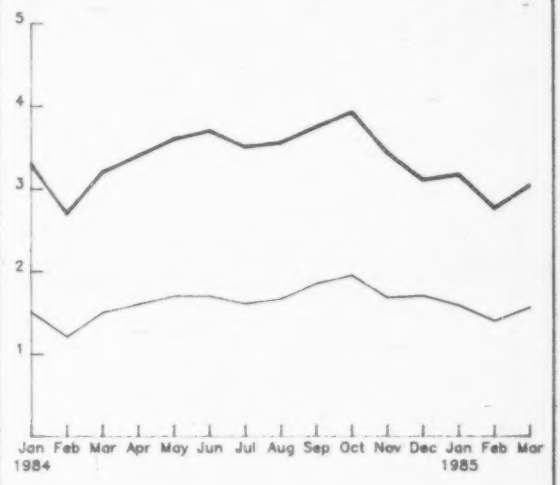
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



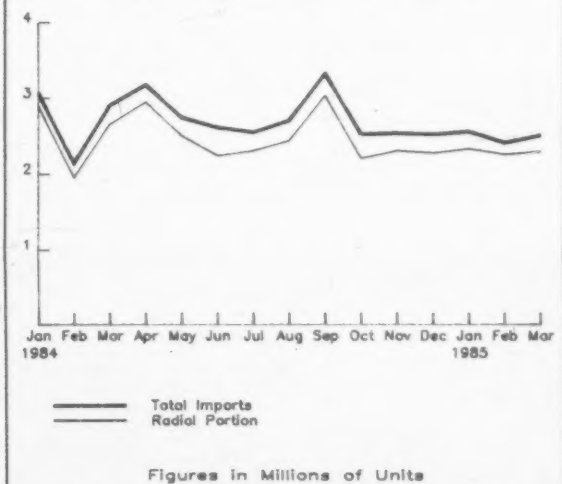
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



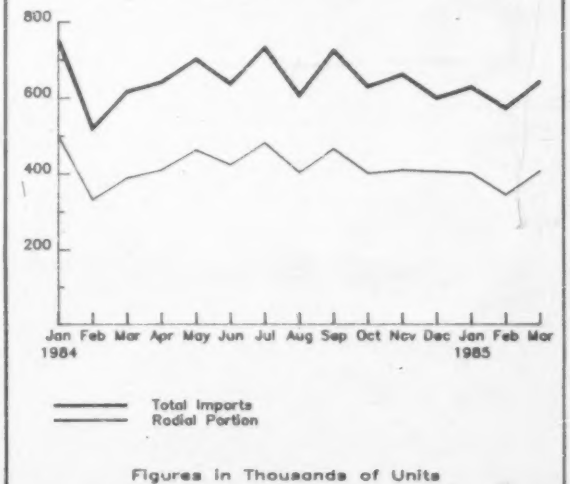
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. March 1986 total shipments are down −8.6% from March 1985 for passenger tires, and down −3.8% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

Released by MANAGEMENT INFORMATION SERVICES

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: May 07, 1986

PASSENGER TIRES	March 1986	March 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	4,835	5,175	-6.57	14,589	14,438	+1.05
Radial	4,076	4,296	-5.12	12,233	12,037	+1.63
Replacement	10,689	11,622	-8.03	30,739	31,243	-1.61
Radial	9,119	9,520	-4.21	26,341	25,288	+4.16
Export	345	564	-38.83	1,034	1,748	-40.85
Radial	281	476	-40.97	785	1,424	-44.87
Total	15,869	17,361	-8.59	46,362	47,429	-2.25
Radial	13,476	14,292	-5.71	39,359	38,749	+1.57
Production	14,313	15,591	-8.20	40,988	44,887	-8.69
Radial	12,001	12,217	-1.77	34,448	35,355	-2.57
Ending Inventory	36,179	39,668	-8.80	-	-	-
Radial	30,637	31,327	-2.20	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	594	694	-14.41	1,766	1,896	-6.86
Radial	403	455	-11.43	1,166	1,215	-4.03
Replacement	2,332	2,339	-0.30	6,907	6,854	+0.77
Radial	1,089	986	+10.45	3,184	2,786	+14.29
Export	115	127	-9.45	338	388	-12.89
Radial	70	63	+11.11	203	196	+3.57
Total	3,041	3,160	-3.77	9,011	9,138	-1.39
Radial	1,562	1,504	+3.86	4,553	4,197	+8.48
Production	2,655	3,113	-14.71	8,251	9,573	-13.81
Radial	1,310	1,292	+1.39	3,925	4,025	-2.48
Ending Inventory	9,180	9,207	-0.29	-	-	-
Radial	4,768	4,138	+15.22	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	52	115	-54.78	161	264	-39.02
Replacement	21	6	+250.00	23	14	+64.29
Export	-	-	-	-	-	-
Total	73	121	-39.67	184	278	-33.81
Production	48	91	-47.25	161	291	-44.67
Ending Inventory	150	206	-27.18	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	48	61	-21.31	143	172	-16.86
Replacement	195	222	-12.16	619	639	-3.13
Export	17	13	+30.77	56	44	+27.27
Total	260	296	-12.16	818	855	-4.33
Production	210	272	-22.79	755	823	-8.26
Ending Inventory	773	904	-14.49	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	432	735	-41.22	1,479	1,993	-25.79
Replacement	142	156	-8.97	503	567	-11.29
Export	16	19	-15.79	52	60	-13.33
Total	590	910	-35.16	2,034	2,620	-22.37
Production	595	857	-30.57	2,001	2,450	-18.33
Ending Inventory	2,025	1,384	+46.32	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	497	459	+8.28	1,660	1,847	-10.12
Truck & Bus	1,214	1,204	+0.83	3,594	4,160	-13.61
Tractor-Implement	230	190	+21.05	607	590	+2.88
Industrial & Utility	96	175	-45.14	365	550	-33.64

* Inner Tube figures are for shipments only, not production.
In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
CUMULATIVE	7,505	611	289	126	930	540	442	6	139	1,251	721	822	71
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
CUMULATIVE	6,879	593	330	186	821	505	521	9	192	1,087	626	1,136	100
April													
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month	2.0	37.4	13.5	36.8	20.6	-8.2	-8.3	100.0	-22.0	27.4	24.6	-19.8	-10.3
% Change Month 86 vs. 85	-13.5	-14.8	11.2	73.3	2.4	-13.7	8.6	33.3	-17.9	.0	-6.8	33.3	20.7
% Change Cumulative	-8.3	-2.9	14.2	47.6	-11.7	-6.5	17.9	50.0	38.1	-13.1	-13.2	38.2	40.8

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.
EOF FOUND IN FROMFILE AFTER RECORD 48

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1

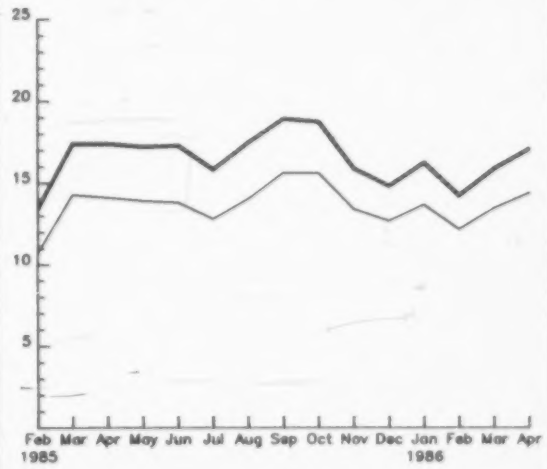
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

April 1986

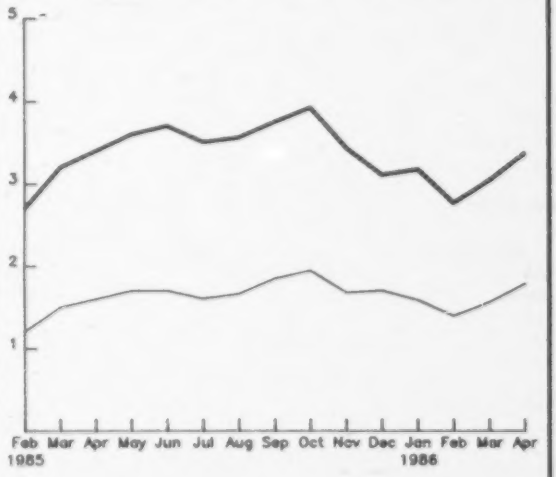
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



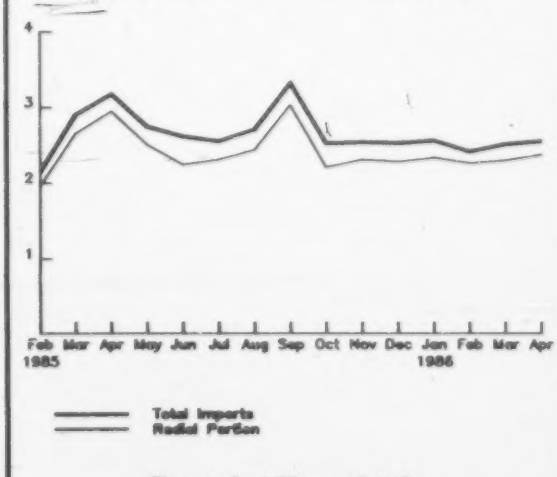
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



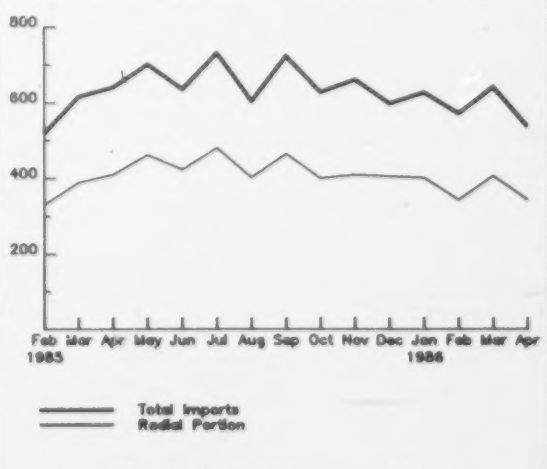
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. April 1986 total shipments are down −1.6% from April 1985 for passenger tires, and down −2.2% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

Released by MANAGEMENT INFORMATION SERVICES

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: June 17, 1986

PASSENGER TIRES	April 1986	April 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	4,831	4,962	-2.64	19,419	19,400	+0.10
Radial	4,015	4,140	-3.02	16,248	16,177	+0.44
Replacement	11,910	11,974	-0.53	42,649	43,217	-1.31
Radial	10,119	9,625	+5.13	36,460	34,913	+4.43
Export	332	422	-21.33	1,366	2,170	-37.05
Radial	267	340	-21.47	1,052	1,764	-40.36
Total	17,073	17,358	-1.64	63,434	64,787	-2.09
Radial	14,401	14,105	+2.10	53,760	52,854	+1.71
Production	13,496	14,278	-5.48	54,483	59,165	-7.91
Radial	11,417	11,375	+0.37	45,865	46,730	-1.85
Ending Inventory	35,611	39,783	-10.49	-	-	-
Radial	30,529	31,608	-3.41	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	628	746	-15.82	2,394	2,642	-9.39
Radial	417	463	-9.94	1,583	1,679	-5.72
Replacement	2,616	2,587	+1.12	9,523	9,441	+0.87
Radial	1,289	1,093	+17.93	4,473	3,879	+15.31
Export	125	110	+13.64	463	498	-7.03
Radial	79	63	+25.40	281	259	+8.49
Total	3,369	3,443	-2.15	12,380	12,581	-1.60
Radial	1,785	1,619	+10.25	6,337	5,817	+8.94
Production	2,541	3,110	-18.30	10,792	12,682	-14.90
Radial	1,250	1,474	-15.20	5,175	5,499	-5.89
Ending Inventory	8,908	9,385	-5.08	-	-	-
Radial	4,594	4,272	+7.54	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	47	123	-61.79	208	387	-46.25
Replacement	7	6	+16.67	29	20	+45.00
Export	-	-	-	-	1	-
Total	54	129	-58.14	237	408	-41.91
Production	46	106	-56.60	208	397	-47.61
Ending Inventory	149	186	-19.89	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	50	58	-13.79	194	230	-15.65
Replacement	261	241	+8.30	881	880	+0.11
Export	14	14	+0.00	70	58	+20.69
Total	325	313	+3.83	1,145	1,168	-1.97
Production	213	260	-18.08	968	1,083	-10.62
Ending Inventory	691	889	-22.27	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	591	663	-10.86	2,070	2,655	-22.03
Replacement	162	168	-3.57	665	735	-9.52
Export	22	18	+22.22	75	78	-3.85
Total	775	849	-8.72	2,810	3,468	-18.97
Production	766	820	-6.59	2,767	3,270	-15.38
Ending Inventory	2,025	1,328	+52.48	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	530	735	-27.89	2,190	2,457	-10.87
Truck & Bus	1,326	1,475	-10.10	4,920	5,514	-10.77
Tractor-Implement	237	255	-7.06	844	810	+4.20
Industrial & Utility	145	168	-13.69	510	746	-31.64

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
CUMULATIVE	10,453	838	404	176	1,225	721	618	7	186	1,547	955	1,145	78
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
CUMULATIVE	9,250	771	442	272	1,051	612	639	14	240	1,342	798	1,444	119
May													
June													
July													
August													
September													
October													
November													
December													
% Change Month	3.3	-16.4	3.7	10.3	-22.5	-31.8	-28.5	25.0	-26.6	-31.5	-21.1	-14.4	-45.7
% Change Month 86 vs. 85	-19.6	-21.9	-1.7	72.0	-21.7	-40.9	-33.0	150.0	.0	-13.9	-26.8	-4.9	171.4
% Change Cumulative	-11.5	-8.0	9.4	54.5	-14.2	-15.1	3.4	100.0	29.0	-13.3	-16.4	26.1	52.6

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A 8810-1

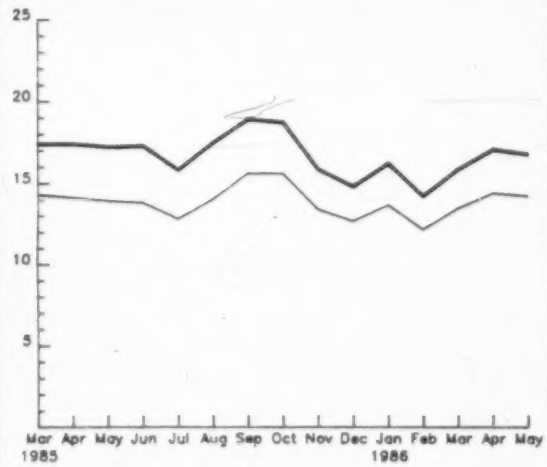
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4860

MONTHLY TIRE REPORT

May 1986

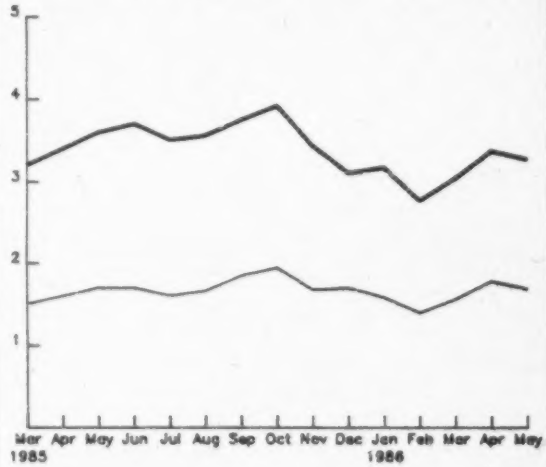
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



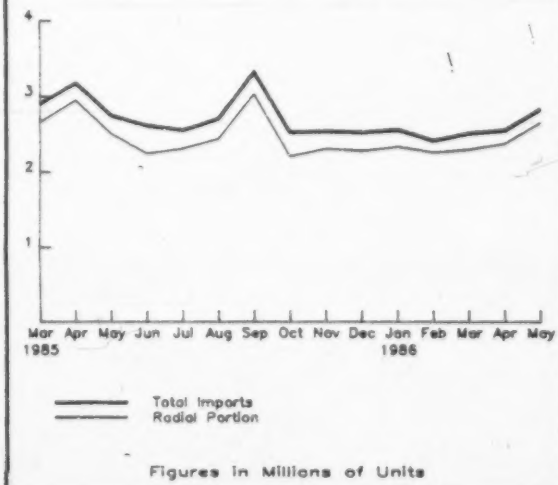
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



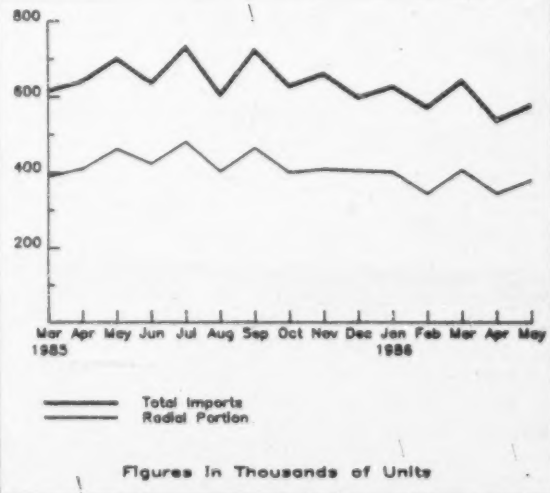
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. May 1986 total shipments are down -2.7% from May 85 for passenger tires, and down -8.7% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

Released by MANAGEMENT INFORMATION SERVICES

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: July 08, 1986

PASSENGER TIRES	May 1986	May 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	4,774	4,983	-4.19	24,194	24,383	-0.78
Radial	4,003	4,114	-2.70	20,251	20,291	-0.20
Replacement	11,728	11,902	-1.46	54,376	55,119	-1.35
Radial	10,012	9,479	+5.62	46,471	44,392	+4.68
Export	251	339	-25.96	1,617	2,509	-35.55
Radial	185	266	-30.45	1,237	2,030	-39.06
Total	16,753	17,224	-2.73	80,187	82,011	-2.22
Radial	14,200	13,859	+2.46	67,959	66,713	+1.87
Production	12,555	14,002	-10.33	67,038	73,168	-8.38
Radial	10,732	11,319	-5.19	59,597	58,049	+2.67
Ending Inventory	34,858	39,707	-12.21	-	-	-
Radial	30,318	31,970	-5.17	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	643	744	-13.58	3,037	3,386	-10.31
Radial	430	473	-9.09	2,013	2,152	-6.46
Replacement	2,501	2,725	-8.22	12,022	12,166	-1.18
Radial	1,173	1,177	-0.34	5,646	5,056	+11.67
Export	117	101	+15.84	579	599	-3.34
Radial	80	57	+40.35	361	317	+13.88
Total	3,261	3,570	-8.66	15,638	16,151	-3.18
Radial	1,683	1,707	-1.41	8,020	7,525	+6.58
Production	2,448	2,779	-11.91	13,240	15,462	-14.37
Radial	1,195	1,191	+0.34	6,370	6,690	-4.78
Ending Inventory	9,883	9,356	+5.63	-	-	-
Radial	4,669	4,296	+8.68	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	61	144	-57.64	269	530	-49.25
Replacement	10	9	+11.11	40	29	+37.93
Export	-	-	-	-	1	-
Total	71	153	-53.59	309	560	-44.82
Production	30	110	-72.73	238	506	-52.96
Ending Inventory	117	147	-20.41	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	44	53	-16.98	237	283	-16.25
Replacement	175	220	-20.45	1,056	1,100	-4.00
Export	14	21	-33.33	84	79	+6.33
Total	233	294	-20.75	1,377	1,462	-5.81
Production	225	237	-5.06	1,193	1,320	-9.62
Ending Inventory	709	872	-18.69	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	481	524	-8.21	2,551	3,180	-19.78
Replacement	165	154	+7.14	830	889	-6.64
Export	19	20	-5.00	94	97	-3.09
Total	665	698	-4.73	3,475	4,166	-16.59
Production	629	756	-16.80	3,396	4,026	-15.65
Ending Inventory	2,012	1,440	+39.72	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	518	740	-30.00	2,708	3,197	-15.30
Truck & Bus	1,256	1,506	-16.60	6,176	7,020	-12.02
Tractor-Implement	192	237	-18.99	1,037	1,046	-0.86
Industrial & Utility	104	186	-44.09	614	933	-34.19

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 301 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
CUMULATIVE	12,953	1,077	532	249	1,559	887	725	9	263	2,010	1,170	1,545	89
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
CUMULATIVE	11,899	950	553	340	1,322	742	891	15	282	1,587	1,003	1,757	152
June													
July													
August													
September													
October													
November													
December													
% Change Month	11.8	.6	-2.7	-20.9	16.9	21.5	113.6	-60.0	-10.6	-4.3	18.6	1.6	73.7
% Change Month 86 vs. 85	6.0	-24.8	-14.1	-6.8	-19.2	-21.7	135.5	.0	-45.5	-47.2	-4.7	-21.8	200.0
% Change Cumulative	-8.1	-11.8	3.9	36.5	-15.2	-16.3	22.9	66.7	7.2	-21.0	-14.3	13.7	70.8

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

A8810-1

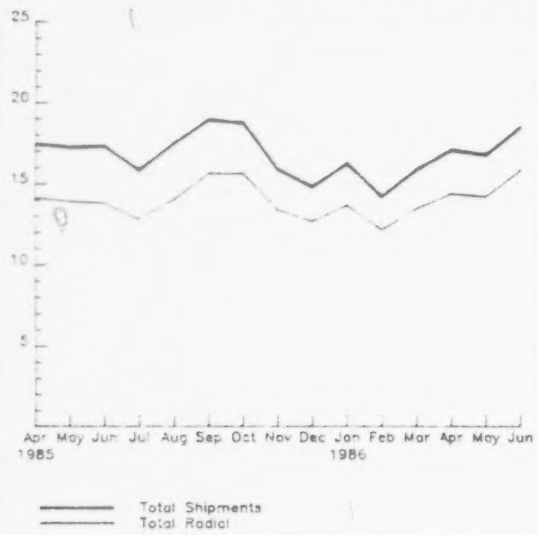
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

MONTHLY TIRE REPORT

June 1986

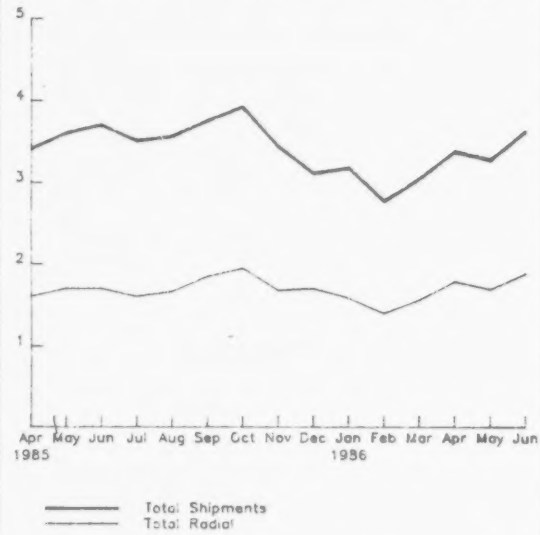
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



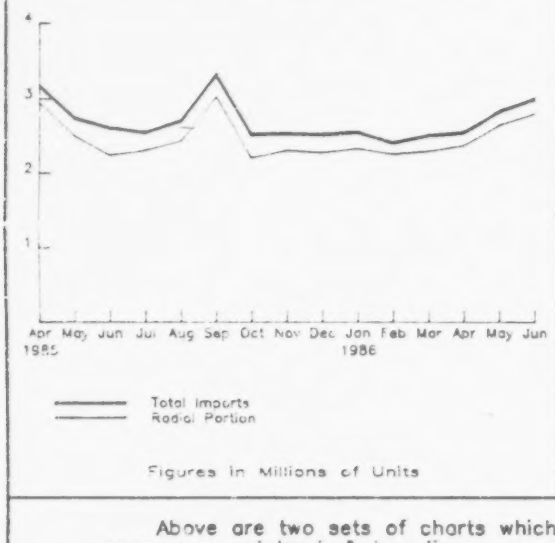
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



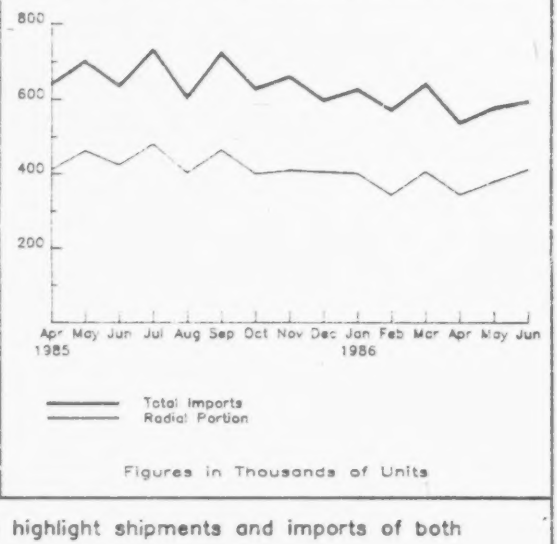
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. June 1986 total shipments are up +6.8% from June 85 for passenger tires, and down −1.3% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

Released by MANAGEMENT INFORMATION SERVICES

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: August 22, 1986

PASSENGER TIRES	June 1986	June 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	4,928	4,636	+6.30	29,122	29,019	+0.35
Radial	4,149	3,887	+6.74	24,400	24,178	+0.92
Replacement	13,317	12,406	+7.34	67,694	67,525	+0.25
Radial	11,523	9,754	+18.14	57,995	54,146	+7.11
Export	242	272	-11.03	1,859	2,781	-33.15
Radial	165	206	-19.90	1,402	2,235	-37.27
Total	18,487	17,314	+6.77	98,675	99,325	-0.65
Radial	15,837	13,847	+14.37	83,797	80,559	+4.02
Production	12,252	12,718	-3.66	79,290	85,885	-7.68
Radial	10,231	10,091	+1.39	66,828	68,140	-1.93
Ending Inventory	31,755	37,984	-16.40	-	-	-
Radial	27,645	30,714	-9.99	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	604	635	-4.88	3,641	4,021	-9.45
Radial	404	388	+4.12	2,417	2,540	-4.84
Replacement	2,912	2,935	-0.78	14,933	15,101	-1.11
Radial	1,419	1,293	+9.74	7,064	6,349	+11.26
Export	104	97	+7.22	683	696	-1.87
Radial	59	44	+34.09	420	361	+16.34
Total	3,620	3,667	-1.28	19,257	19,818	-2.83
Radial	1,882	1,725	+9.10	9,901	9,250	+7.04
Production	2,395	2,498	-4.12	15,636	17,960	-12.94
Radial	1,152	1,073	+7.36	7,522	7,763	-3.10
Ending Inventory	8,254	8,925	-7.52	-	-	-
Radial	4,350	4,168	+4.37	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	61	85	-28.24	330	615	-46.34
Replacement	2	16	-87.50	42	45	-6.67
Export	-	-	-	-	1	-
Total	63	101	-37.62	372	661	-43.72
Production	51	101	-49.50	289	607	-52.39
Ending Inventory	106	160	-33.75	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	42	76	-44.74	280	330	-15.15
Replacement	204	244	-16.39	1,260	1,318	-4.40
Export	11	14	-21.43	95	95	+0.00
Total	257	334	-23.05	1,635	1,743	-6.20
Production	222	298	-25.50	1,416	1,545	-8.35
Ending Inventory	692	659	+5.01	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	274	392	-30.10	2,825	3,534	-20.06
Replacement	180	187	-3.74	1,009	1,067	-5.44
Export	19	10	+90.00	113	120	-5.83
Total	473	589	-19.69	3,947	4,721	-16.39
Production	590	747	-21.02	3,986	4,658	-14.43
Ending Inventory	2,179	1,230	+77.15	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	617	690	-10.58	3,386	3,772	-10.23
Truck & Bus	1,400	1,777	-21.22	7,077	8,386	-15.61
Tractor-Implement	206	259	-20.46	1,242	1,269	-2.13
Industrial & Utility	155	205	-24.39	768	1,100	-30.18

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
CUMULATIVE	15,190	1,446	680	305	1,834	1,043	902	11	332	2,431	1,463	2,054	119
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
CUMULATIVE	14,698	1,149	663	406	1,624	859	1,071	18	323	2,055	1,206	2,093	194
July													
August													
September													
October													
November													
December													
% Change Month	5.6	10.6	.0	-2.9	12.2	-10.0	-28.6	50.0	.0	91.8	-.5	7.3	27.3
% Change Month 86 vs. 85	25.1	-46.5	-25.2	17.9	10.2	-25.5	1.7	50.0	-39.1	11.2	-30.7	-34.0	40.0
% Change Cumulative	-3.2	-20.5	-2.5	33.1	-11.5	-17.6	18.7	63.6	-2.7	-15.5	-17.6	1.9	63.0

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

END OF PROGRAM

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.

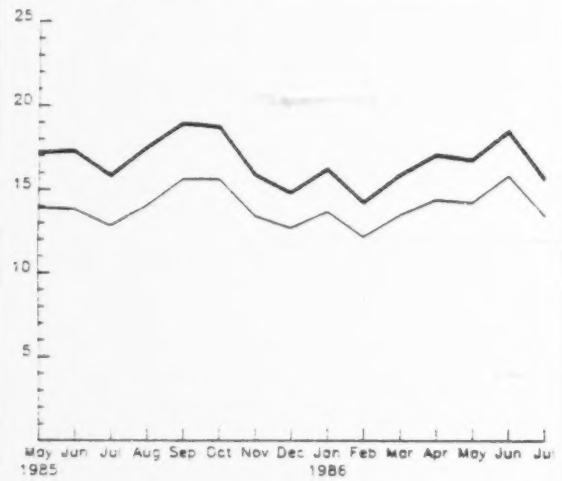
A8810-1

MONTHLY TIRE REPORT

July 1986

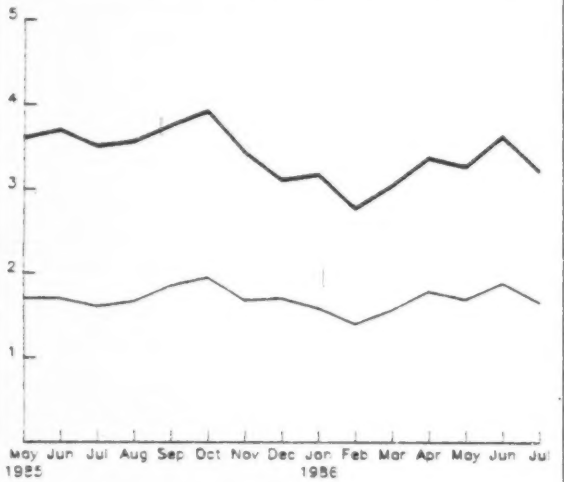
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



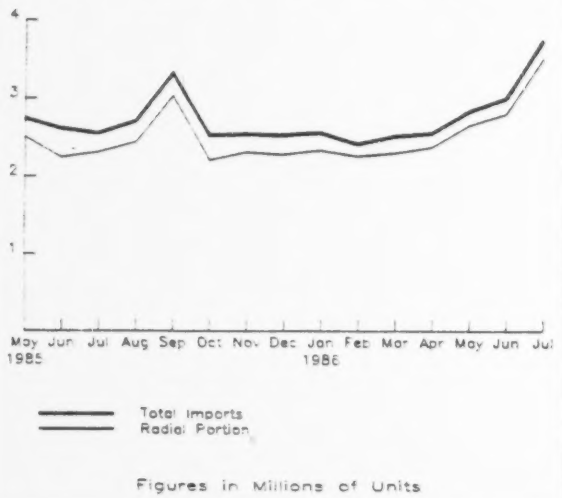
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



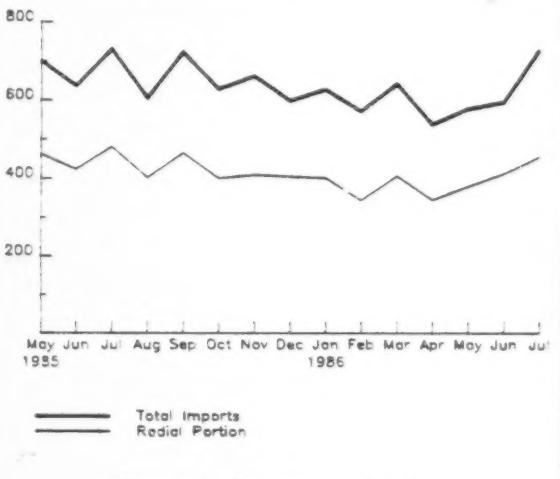
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total snipments. July 1986 total shipments are down −1.1% from July 85 for passenger tires, and down −9.2% for truck & bus tires. The import charts show volume of imports of both passenger and truck & bus tires, as well as the portion of imports which are radial tires. From 1982 to 1985, passenger tire imports have increased 93.5%, and truck & bus tire imports have grown by 110.8%.

Provided by MANAGEMENT INFORMATION SERVICES

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: 9/22/86

PASSENGER TIRES	July 1986	July 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
Shipments						
Original Equipment	3,480	3,886	-10.45	32,602	32,906	-0.92
Radial	2,930	3,235	-9.43	27,330	25,446	+7.40
Replacement	11,826	11,632	+1.67	74,438	84,401	-11.80
Radial	10,259	9,366	+9.53	63,819	63,171	+1.03
Export	316	276	+14.49	2,175	3,507	-37.98
Radial	244	225	+8.44	1,646	2,592	-36.50
Total	15,622	15,794	-1.09	109,215	120,814	-9.60
Radial	13,433	12,826	+4.73	92,795	91,209	+1.74
Production	11,882	12,946	-8.22	91,172	101,247	-9.95
Radial	10,205	10,081	+1.23	77,033	75,661	+1.81
Ending Inventory	30,176	29,917	+0.87	-	-	-
Radial	26,461	22,373	+18.27	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	498	561	-11.23	4,138	4,582	-9.69
Radial	332	329	+0.91	2,749	2,869	-4.18
Replacement	2,631	2,870	-8.33	16,161	17,971	-10.07
Radial	1,271	1,276	-0.39	7,619	7,625	-0.08
Export	78	101	-22.77	762	797	-4.39
Radial	46	44	+4.55	466	405	+15.06
Total	3,207	3,532	-9.20	21,061	23,350	-9.80
Radial	1,649	1,649	+0.00	10,834	10,899	-0.60
Production	2,321	2,201	+5.45	17,956	20,161	-10.94
Radial	1,135	977	+16.17	8,657	8,740	-0.95
Ending Inventory	7,860	8,413	-6.57	-	-	-
Radial	4,211	4,069	+3.49	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	57	87	-34.48	387	703	-44.95
Replacement	4	17	-76.47	46	62	-25.81
Export	-	-	-	-	-	-
Total	61	104	-41.35	433	765	-43.40
Production	63	62	+1.61	352	669	-47.38
Ending Inventory	114	132	-13.64	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	41	45	-8.89	321	375	-14.40
Replacement	206	208	-0.96	1,466	1,526	-3.93
Export	10	10	+0.00	106	105	+0.95
Total	257	263	-2.28	1,893	2,006	-5.63
Production	202	262	-22.90	1,618	1,741	-7.06
Ending Inventory	658	660	-0.30	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	278	363	-23.42	3,103	3,898	-20.40
Replacement	169	162	+4.32	1,179	1,229	-4.07
Export	10	14	-28.57	123	134	-8.21
Total	457	539	-15.21	4,405	5,261	-16.27
Production	418	488	-14.34	4,404	5,146	-14.42
Ending Inventory	2,163	1,543	+40.18	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	521	612	-14.87	3,906	4,384	-10.90
Truck & Bus	1,315	1,385	-5.05	8,892	9,771	-9.00
Tractor-Implement	228	243	-6.17	1,470	1,512	-2.78
Industrial & Utility	138	158	-12.66	906	1,258	-27.98

* Inner Tube figures are for shipments only, not production.

In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
CUMULATIVE	17,498	1,682	875	369	2,121	1,231	1,079	14	385	2,761	1,647	2,489	134
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
CUMULATIVE	18,204	1,385	782	518	1,961	1,020	1,227	22	414	2,415	1,466	2,488	226
August													
September													
October													
November													
December													
% Change Month	25.3	19.2	8.2	69.7	11.2	37.6	-13.3	33.3	116.7	-22.9	28.6	17.6	-23.8
% Change Month 86 vs. 85	51.9	.0	-39.0	77.8	17.8	-13.9	-11.9	100.0	71.7	9.4	41.1	-9.2	113.3
% Change Cumulative	4.0	-17.7	-10.6	40.4	-7.5	-17.1	13.7	57.1	7.5	-12.5	-11.0	.0	68.7

Figure, may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-goverment imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA, 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4960.

10/14/86 A 8810-1

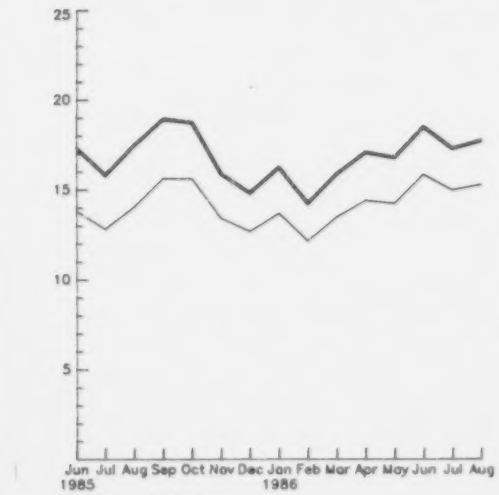
RMA RUBBER MANUFACTURERS ASSOCIATION • 1400 K STREET, N.W. • WASHINGTON, D.C. 20005 • (202) 682-4800

MONTHLY TIRE REPORT

August 1986

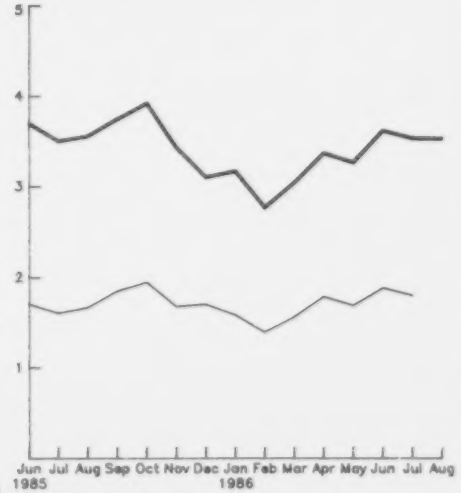
This report was compiled by the Rubber Manufacturers Association (RMA) and presents a monthly compilation of tire and inner tube shipments, production, exports, imports, and inventory. The actual industry data reported is adjusted to include estimates for non-participating companies so that the figures presented will represent 100% of the domestic U.S. tire market.

PASSENGER TIRE SHIPMENTS



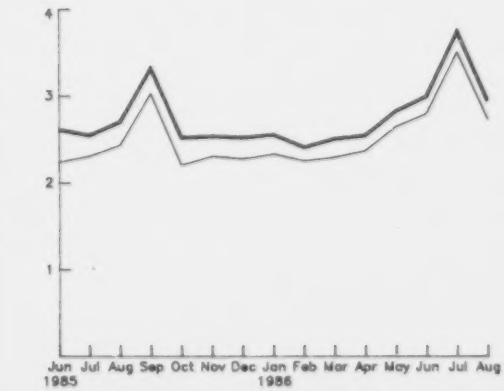
Figures in Millions of Units

TRUCK & BUS TIRE SHIPMENTS



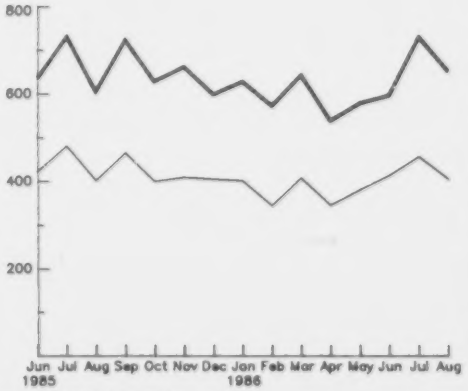
Figures in Millions of Units

PASSENGER TIRE IMPORTS



Figures in Millions of Units

TRUCK & BUS TIRE IMPORTS



Figures in Thousands of Units

Above are two sets of charts which highlight shipments and imports of both passenger and truck & bus tires.

The shipment charts show monthly volumes for total shipments and radial shipments for fifteen months running. The vertical distance between the two lines in each graph is the non-radial portion of the total shipments. August 1986 total shipments are up +1.3% from August 1985 for passenger tires, and down -1.0% for truck and bus tires. The import charts show volume of imports of both passenger and truck and bus tires, as well as the portion of imports which are radial tires. From 1983 to 1985, passenger tire imports have increased 93.5%, and truck and bus tire imports have grown by 110.8%.

Released by MANAGEMENT INFORMATION SERVICES

RMA MONTHLY TIRE & TUBE SHIPMENTS & PRODUCTION REPORT
(FIGURES IN THOUSANDS OF UNITS)

ISSUED: October 06, 1986

	August 1986	August 1985	% CHANGE	YTD 1986	YTD 1985	% CHANGE
PASSENGER TIRES						
Shipments						
Original Equipment	4,028	4,131	-2.49	36,630	37,037	-1.10
Radial	3,440	3,426	+0.41	30,770	30,839	-0.22
Replacement	13,338	12,984	+2.73	94,498	92,141	+2.56
Radial	11,564	10,358	+11.64	81,329	73,870	+10.10
Export	354	381	-7.09	2,529	3,438	-26.44
Radial	273	267	+2.25	1,919	2,727	-29.63
Total	17,720	17,496	+1.28	133,657	132,616	+0.78
Radial	15,277	14,051	+8.73	114,018	107,436	+6.13
Production	13,695	13,723	-0.20	104,867	110,396	-5.01
Radial	11,588	10,935	+5.97	88,621	87,812	+0.92
Ending Inventory	29,363	35,309	-16.84	-	-	-
Radial	25,784	29,166	-11.60	-	-	-
TRUCK & BUS TIRES						
Shipments						
Original Equipment	504	628	-19.75	4,643	5,210	-10.88
Radial	337	391	-13.81	3,087	3,260	-5.31
Replacement	2,914	2,835	+2.79	20,801	20,806	-0.02
Radial	1,396	1,217	+14.71	9,876	8,842	+11.69
Export	106	95	+11.58	868	892	-2.69
Radial	65	56	+16.07	531	461	+15.18
Total	3,524	3,558	-0.96	26,312	26,908	-2.21
Radial	1,798	1,664	+8.05	13,494	12,563	+7.41
Production	2,417	2,912	-17.00	20,374	23,073	-11.70
Radial	1,190	1,410	-15.60	9,847	10,150	-2.99
Ending Inventory	7,473	8,244	-9.35	-	-	-
Radial	4,071	4,077	-0.15	-	-	-
MOBILE HOME						
Shipments						
Original Equipment	47	106	-55.66	434	809	-46.35
Replacement	6	10	-40.00	51	72	-29.17
Export	-	-	-	-	1	-
Total	53	116	-54.31	485	882	-45.01
Production	49	89	-44.94	401	758	-47.10
Ending Inventory	116	111	+4.50	-	-	-
TRACTOR IMPLEMENT						
Shipments						
Original Equipment	35	51	-31.37	356	426	-16.43
Replacement	199	202	-1.49	1,665	1,728	-3.65
Export	11	12	-8.33	117	117	+0.00
Total	245	265	-7.55	2,138	2,271	-5.86
Production	200	209	-4.31	1,818	1,950	-6.77
Ending Inventory	632	770	-17.92	-	-	-
INDUSTRIAL & UTILITY						
Shipments						
Original Equipment	339	408	-16.91	3,442	4,306	-20.07
Replacement	154	134	+14.93	1,333	1,363	-2.20
Export	14	24	-41.67	137	158	-13.29
Total	507	566	-10.42	4,912	5,827	-15.70
Production	564	574	-1.74	4,968	5,720	-13.15
Ending Inventory	2,205	1,537	+43.46	-	-	-
INNER TUBES*						
Total Shipments						
Passenger & Motorcycle	565	607	-6.92	4,471	4,991	-10.42
Truck & Bus	1,250	1,416	-11.72	10,142	11,187	-9.34
Tractor-Implement	189	210	-10.00	1,660	1,722	-3.60
Industrial & Utility	148	158	-6.33	1,054	1,416	-25.56

*** Inner Tube figures are for shipments only, not production.**
In order to avoid possible double counting, export figures are as reported to RMA and will vary from data in government reports. This report is available from RMA at a $200.00 subscription rate. Year-end reports are available at $200.00 each. Figures may not add due to rounding. For further detail on tire and tube exports, refer to the RMA 501 report.

IMPORTS FOR CONSUMPTION OF TIRE AND INNER TUBES -- SOURCE: U.S. Department of Commerce, Report No. IM-145
(Units are rounded and expressed in thousands)

	TIRES									TUBES			
TSUSA NUMBERS:	772.5109	772.5112	772.5127	772.5129	772.5136	772.5138	772.5141	772.4500 772.4600	772.5000	772.6005	772.6010	772.6025	772.5900
	Pass. Radial	Pass. All Other	Light Truck Radial	Light Truck All Other	All Other Truck Radial	All Other Truck	Motor-cycle	Airplane	Farm Equip.	Pass. Tubes	Truck & Bus Tubes	Tire NSPF Tubes	Farm Tubes
1985													
January	2,901	170	102	48	398	203	186	2	32	570	281	304	25
February	1,950	190	89	33	241	155	104	1	30	309	206	248	17
March	2,654	250	98	45	291	182	152	3	78	372	234	270	29
April	2,948	228	115	50	295	181	176	2	47	296	235	324	7
May	2,501	238	128	73	334	166	107	2	77	462	214	400	11
June	2,237	370	147	56	275	157	177	2	69	421	293	509	30
July	2,308	236	195	63	286	187	177	2	53	330	185	435	15
August	2,436	268	119	33	282	170	98	6	35	264	203	274	36
CUMULATIVE	19,935	1,950	994	402	2,403	1,401	1,177	20	420	3,025	1,850	2,762	170
September	3,031	290	143	56	322	202	150	4	51	307	170	349	18
October	2,200	317	147	55	252	173	130	2	42	458	169	254	33
November	2,307	230	143	82	266	170	90	3	29	288	281	298	33
December	2,273	245	127	63	277	130	156	3	37	227	142	185	25
ANNUAL	29,745	3,032	1,554	658	3,519	2,076	1,703	31	578	4,306	2,612	3,848	279
1986													
January	2,332	225	125	50	275	177	177	3	46	424	233	327	26
February	2,251	155	96	57	247	171	180	2	82	292	175	449	39
March	2,296	213	109	78	298	157	165	4	64	372	218	360	35
April	2,371	178	113	86	231	107	118	5	47	255	172	308	19
May	2,650	179	110	68	270	130	252	2	42	244	204	313	33
June	2,798	198	110	66	303	117	180	3	42	468	203	336	42
July	3,506	236	119	112	337	161	156	4	91	361	261	395	32
August	2,734	205	89	76	315	170	104	4	74	344	177	290	23
CUMULATIVE	20,938	1,590	871	594	2,276	1,190	1,330	26	487	2,759	1,643	2,779	249
September													
October													
November													
December													
% Change Month	-22.0	-13.1	-25.2	-32.1	-6.5	5.6	-33.3	.0	-18.7	-4.7	-32.2	-26.6	-28.1
% Change Month 86 vs. 85	12.2	-23.5	-25.2	130.3	11.7	.0	6.1	-33.3	111.4	30.3	-12.8	5.8	-36.1
% Change Cumulative	5.0	-18.5	-12.4	47.8	-5.3	-15.1	13.0	30.0	16.0	-8.8	-11.2	.6	46.5

Figures may not add due to rounding. For further details on Imports please refer to RMA 500 Report.

RUBBER MANUFACTURERS ASSOCIATION'S MONTHLY TIRE AND INNER TUBES REPORT

The procedures used by the Management Information Services (MIS) of RMA to compile this data are reviewed at least annually by the RMA Tire Statistical Committee. Committee members represent tire producing companies, both domestic and foreign, which participate in the submission of their monthly tire data to RMA for compilation into an aggregate report. The categories selected for presentation are based upon those developed by the Committee and in many instances upon classifications listed in the Tire and Rim Association's Yearbook.

Descriptions for the categories used in this report:

PASSENGER TIRES: all sizes and types of tires designed for standard highway passenger car service. It also includes off-highway passenger service tires such as racing car and dune buggy tires.

TRUCK & BUS TIRES: all sizes and types of tires which are designated as light, medium, dual, heavy, and large off-the-road truck tires.

MOBILE HOME TIRES: all tires designed solely for use in the transportation of permanent or temporary buildings, with wheel attached, from factory to site or site to site.

TRACTOR IMPLEMENT TIRES: steering and drive wheel tires used on tractors in field service or harvesting equipment. This includes combines, cane and rice field tires, log-skidder tires, and those used on farm implement vehicles.

INDUSTRIAL & UTILITY TIRES: all tires used for slow speed industrial vehicles and counterbalanced fork-lift trucks, recreational, boat, baggage, sports and special type trailer tires, as well as tires used on mining cars, lumber yard straddle trucks, wheel barrows, and garden tractors. This category includes swamp buggy, terra, snowmobile, mini-bike, and Go-Kart tires.

INNER TUBES: all inner tubes regardless of the type of tire for which they were manufactured. Only shipments are included in this report.

Descriptions for the various column headings used in this report:

Original Equipment: shipments to vehicle manufacturers for their original equipment.

Replacement: shipments destined for the domestic replacement market.

Export: shipments to points outside the United States by the participants, and as such, will differ from the export figures released by the U.S. government.

Production: units produced in domestic factories for the reporting period.

Inventory: stocks as of the last day of the reporting period covered.

Imports:

Data for imports are shown separately on this report; however, those of participating companies are reflected in all of the columns with the exception of production. Import data is from the Bureau of Census Report IM-145 derived from data from the Department of Commerce. The import data is listed by the seven digit TSUSA number (Tariff Schedules of the United States) and reflects both government and non-government imports from foreign countries into U.S. Customs territories.

The participants in this report include:

Armstrong Rubber Company
Bridgestone Tire Company of America, Inc.
Bridgestone Tire Manufacturing Inc., (Tennessee)
Carlisle Tire & Rubber Company, Carlisle Corporation
Continental Tire Company
Cooper Tire & Rubber Company
Cupples Company, Manufacturers
Denman Rubber Manufacturing Company
Dunlop Tire & Rubber Company
Firestone Tire & Rubber Company, The
General Tire & Rubber Company, The
BFGoodrich Company, Tire Group, The
Goodyear Tire & Rubber Company, The
Hankook Tire America Corporation
Kelly-Springfield Tire Company
Lee Tire & Rubber Company
McCreary Tire & Rubber Company
Michelin Tire Corporation
Mohawk Rubber Company
Robbins Tire & Rubber Company, Inc.
Sumitomo Tire
Toyo Tire (USA) Corporation
Uniroyal, Inc.
Yokohama Tire Corporation

This report is available on a subscription basis only, and it cannot be reproduced without prior consent of the Rubber Manufacturers Association. Any questions regarding items on this report should be directed to Management Information Services of RMA; 1400 K Street, N.W.; Washington, D.C. 20005; Telephone: (202) 682-4860.